



INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

564-35247-USCP

SERIAL NO.

10/653,334

APPLICANT

Sven Krueger et al.

FILING DATE

September 2, 2003

GROUP

3672

U.S. PATENT DOCUMENTS

| *EXAMINER INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-----------------------|----|--------------------|----------|-------------------------------|-------|----------|-------------------------------|
| <i>H</i> | AA | 2,812,723 | 11/12/57 | Clarence J. Coberly | | | 07/19/54 |
| | AB | 2,946,565 | 07/26/60 | Philip S. Williams | | | 06/16/53 |
| | AC | 3,595,075 | 07/27/71 | Ethell J. Dower | | | 11/10/69 |
| | AD | 3,603,409 | 08/07/71 | Bruce J. Watkins | | | 03/27/69 |
| | AE | 3,677,353 | 07/18/72 | Gerald S. Baker | | | 07/15/70 |
| | AF | 3,815,673 | 06/11/74 | George H. Bruce et al. | | | 02/16/72 |
| | AG | 3,958,651 | 05/25/76 | James Whitehurst Young | | | 07/31/75 |
| | AH | 4,022,285 | 05/10/77 | Donald D. Frank | | | 03/11/76 |
| | AI | 4,049,066 | 09/20/77 | Vernon T. Richey | | | 04/19/76 |
| | AJ | 4,063,602 | 12/20/77 | James Damron Howell et al | | | 11/01/76 |
| | AK | 4,091,881 | 05/30/78 | Leo Donald Maus | | | 04/11/77 |
| | AL | 4,099,583 | 07/11/78 | Leo Donald Maus | | | 04/11/77 |
| | AM | 4,108,257 | 08/22/78 | Phillip S. Sizer | | | 09/14/77 |
| | AN | 4,134,461 | 01/16/79 | Everhard C. Blomsma | | | 08/01/77 |
| | AO | 4,137,975 | 02/06/79 | Michael D. Pennock | | | 05/09/77 |
| | AP | 4,149,603 | 04/17/79 | James F. Arnold | | | 09/06/77 |
| | AQ | 4,210,208 | 07/01/80 | Forrest E. Shanks | | | 12/04/78 |
| | AR | 4,223,747 | 09/23/80 | Lionel R. Marais | | | 10/26/78 |
| | AS | 4,240,513 | 12/23/80 | Yvon Castel et al. | | | 01/26/78 |
| | AT | 4,291,772 | 09/29/81 | Pierre A. Beynet | | | 03/25/80 |
| | AU | 4,368,787 | 01/18/83 | Jospeh U. Messenger | | | 12/01/80 |
| | AV | 4,436,166 | 03/13/84 | Asadollah Hayatdavoudi et al. | | | 07/17/80 |
| <i>7</i> | AW | 4,440,239 | 04/03/84 | John L. Evans | | | 09/28/81 |



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| 77 | BA | 4,534,426 | 08/13/85 | David W. Hooper | | | 08/24/83 |
| | BB | 4,613,003 | 09/23/86 | James L. Ruhle | | | 05/04/84 |
| | BC | 4,630,691 | 12/23/86 | David W. Hooper | | | 12/26/84 |
| | BD | 4,744,426 | 05/17/88 | John A Reed | | | 06/02/86 |
| | BE | 4,813,495 | 03/21/89 | Colin P. Leach | | | 05/05/87 |
| | BF | 5,150,757 | 09/29/92 | Dwight S. Nunley | | | 05/03/91 |
| | BG | 5,168,932 | 12/08/92 | Robert N. Worrall et al. | | | 07/15/91 |
| | BH | 5,355,967 | 10/18/94 | Mark D. Mueller et al. | | | 10/30/92 |
| | BI | 5,651,420 | 07/29/97 | Gordon A. Tibbitts et al. | | | 03/17/95 |
| | BJ | 5,775,443 | 07/07/98 | W. Gerald Lott | | | 10/15/96 |
| | BK | 6,142,236 | 11/07/00 | Norman Brammer et al. | | | 02/18/99 |
| | BL | 6,216,799 | 04/17/01 | Romulo Gonzalez | | | 09/24/98 |
| 7 | BM | 6,276,455 | 08/21/01 | Romulo Gonzalez | | | 09/24/98 |
| 77 | BN | 6,415,877 | 07/09/02 | Roger W. Fincher, et al. | | | 07/14/99 |


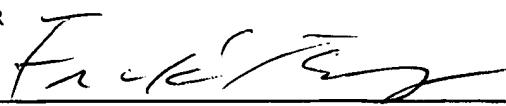
FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | PUBL. DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|----|--------------------|---------------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| 77 | BO | 0290250 | 09/11/88 | EPO | | | | |
| 77 | BP | WO 02/14649 | 02/21/02 | Canada | | | | |

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

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| BQ | |
| EXAMINER <i>Fraser</i> | DATE CONSIDERED <i>1/25/05</i> |

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant

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|---|----|--|--------------|------------------------------------|-------|--------------------------|-------------------------------|
|  | | | | ATTY. DOCKET NO. 564-35247-USCP | | SERIAL NO. 10/653,334 | |
| | | | | APPLICANT Sven Krueger et al. | | | |
| | | | | FILING DATE September 2, 2003 | | GROUP 3672 | |
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| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| 77 | AA | 6,374,925 | 04/23/02 | Elkins et al. | 175 | 25 | 09/22/00 |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
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| | AF | | | | | | |
| | AG | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | PUBL DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | AH | | | | | | |
| | AI | | | | | | |
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| 77 | AJ | New Tool Addresses ECD Problem, William Furlow, Offshore, pgs 88, 89, June 2002. | | | | | |
| 77 | AK | Technologies Manage Well Pressures, Don M. Hannegan, Ron Divine, The American Oil & Gas Reporter, September, 2001. | | | | | |
| 77 | AL | Continuous Circulation Drilling, L. J. Ayling, Maris Int'l Ltd.; J. W. Jenner, Maris Int'l Ltd.; H. Elkins, Varco Drilling Equipment, this paper prepared for presentation at the 2002 Offshore Technology Conference, Houston, Texas May 6-9 2002 | | | | | |
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